

What is Claimed is:

1. A ceiling fixture for mounting on a ceiling, comprising:

a ceiling supporting frame adapted for securely mounting on said ceiling;

a light source, which is arranged for electrically connecting to a power supply,
5 supported by said ceiling supporting frame; and

a light casing, which is mounted underneath said ceiling supporting frame,
having a main light chamber and a light enhancing chamber which is formed between
said light casing and said ceiling supporting frame and is communicating with said main
light chamber, wherein said light source is disposed within said main light chamber in
10 such a manner that when said light source produces light, said light is directed within said
main light chamber to outside through said light casing while said light is guided to
radially dispense from said main light chamber to outside through said light enhancing
chamber for providing an added light effect of said ceiling fixture.

2. The ceiling fixture, as recited in claim 1, wherein said light casing
15 comprises a light dispersing housing defining said main light chamber therewithin and a
light enhancing frame having a surrounding wall coaxially extended from said ceiling
supporting frame to said light dispersing housing, wherein said light enhancing chamber
is defined within said surrounding wall of said light enhancing frame to communicate
with said main light chamber.

20 3. The ceiling fixture, as recited in claim 2, wherein said light enhancing
frame further has a plurality of light enhancing windows spacedly formed on said
surrounding wall to communicate said light enhancing chamber with outside in such a
manner that when said light from light source is projected from said main light chamber
to said light enhancing chamber, said light is radially dispersing to outside through said
25 light enhancing windows.

4. The ceiling fixture, as recited in claim 3, wherein said light enhancing
windows are respectively through grooves which are spacedly formed on said
surrounding wall of said light enhancing frame and are radially projected from said light

enhancing chamber so as to guide the light radially dispensing from said light enhancing chamber to outside.

5 5. The ceiling fixture, as recited in claim 2, wherein an upper surrounding edge of said light enhancing frame is coaxially extended from said ceiling supporting frame and a lower surrounding edge of said light enhancing frame is coaxially extended
10 to couple with said light dispersing housing, wherein said light enhancing frame has a diameter gradually reducing from said upper surrounding edge to said lower surrounding edge such that said surrounding wall of said light enhancing frame is inclinedly extended from said ceiling supporting frame to said light dispersing housing to form said light
15 enhancing chamber having a light intensity lower than a light intensity within said main light chamber.

20 6. The ceiling fixture, as recited in claim 3, wherein an upper surrounding edge of said light enhancing frame is coaxially extended from said ceiling supporting frame and a lower surrounding edge of said light enhancing frame is coaxially extended
25 to couple with said light dispersing housing, wherein said light enhancing frame has a diameter gradually reducing from said upper surrounding edge to said lower surrounding edge such that said surrounding wall of said light enhancing frame is inclinedly extended from said ceiling supporting frame to said light dispersing housing to form said light
30 enhancing chamber having a light intensity lower than a light intensity within said main light chamber.

 7.. The ceiling fixture, as recited in claim 4, wherein an upper surrounding edge of said light enhancing frame is coaxially extended from said ceiling supporting frame and a lower surrounding edge of said light enhancing frame is coaxially extended
35 to couple with said light dispersing housing, wherein said light enhancing frame has a diameter gradually reducing from said upper surrounding edge to said lower surrounding edge such that said surrounding wall of said light enhancing frame is inclinedly extended from said ceiling supporting frame to said light dispersing housing to form said light
40 enhancing chamber having a light intensity lower than a light intensity within said main light chamber.

30 8. The ceiling fixture, as recited in claim 5, wherein said lower surrounding edge of said light enhancing frame is shaped as a retaining rim substantially biasing against a circumferential edge of said light dispensing housing, wherein said retaining

rim of said light enhancing fame is coaxially and inwardly extended between said main light chamber and said light enhancing chamber for controlling said light passing from said main light chamber towards said light enhancing chamber.

5 9. The ceiling fixture, as recited in claim 6, wherein said lower surrounding edge of said light enhancing frame is shaped as a retaining rim substantially biasing against a circumferential edge of said light dispensing housing, wherein said retaining rim of said light enhancing fame is coaxially and inwardly extended between said main light chamber and said light enhancing chamber for controlling said light passing from said main light chamber towards said light enhancing chamber.

10 10. The ceiling fixture, as recited in claim 7, wherein said lower surrounding edge of said light enhancing frame is shaped as a retaining rim substantially biasing against a circumferential edge of said light dispensing housing, wherein said retaining rim of said light enhancing fame is coaxially and inwardly extended between said main light chamber and said light enhancing chamber for controlling said light passing from
15 said main light chamber towards said light enhancing chamber.

11. The ceiling fixture, as recited in claim 3, wherein said light casing further comprises a light softening layer provided on an inner side of said surrounding wall of said light enhancing frame to cover on said light enhancing windows for softening said light dispersing from said light enhancing chamber to outside through said light
20 enhancing windows.

12. The ceiling fixture, as recited in claim 7, wherein said light casing further comprises a light softening layer provided on an inner side of said surrounding wall of said light enhancing frame to cover on said light enhancing windows for softening said light dispersing from said light enhancing chamber to outside through said light
25 enhancing windows.

13. The ceiling fixture, as recited in claim 10, wherein said light casing further comprises a light softening layer provided on an inner side of said surrounding wall of said light enhancing frame to cover on said light enhancing windows for softening said light dispersing from said light enhancing chamber to outside through said light
30 enhancing windows.

14. The ceiling fixture, as recited in claim 4, wherein said ceiling supporting frame comprises a ceiling panel supporting said light source thereunder for securely mounting on said ceiling, and a heat insulating layer provided on said ceiling panel for blocking heat from said light source towards said ceiling, wherein said ceiling panel has a bottom light reflective surface for substantially reflecting said light from said light source towards said light enhancing chamber.

15. The ceiling fixture, as recited in claim 10, wherein said ceiling supporting frame comprises a ceiling panel supporting said light source thereunder for securely mounting on said ceiling, and a heat insulating layer provided on said ceiling panel for blocking heat from said light source towards said ceiling, wherein said ceiling panel has a bottom light reflective surface for substantially reflecting said light from said light source towards said light enhancing chamber.

16. The ceiling fixture, as recited in claim 13, wherein said ceiling supporting frame comprises a ceiling panel supporting said light source thereunder for securely mounting on said ceiling, and a heat insulating layer provided on said ceiling panel for blocking heat from said light source towards said ceiling, wherein said ceiling panel has a bottom light reflective surface for substantially reflecting said light from said light source towards said light enhancing chamber.

17. The ceiling fixture, as recited in claim 2, wherein said light enhancing frame further has a light dispensing groove formed between an upper surrounding edge of said surrounding wall and said ceiling supporting frame to communicate said light enhancing chamber with outside in such a manner that when said light from said light source is projected from said main light chamber to said light enhancing chamber, said light is radially dispersing to outside through said light enhancing groove.

18. The ceiling fixture, as recited in claim 17, wherein said light enhancing frame has a diameter gradually reducing from said upper surrounding edge to a lower surrounding edge such that said surrounding wall of said light enhancing frame is inclinedly extended from said ceiling supporting frame to said light dispersing housing to form said light enhancing chamber having a light intensity lower than a light intensity within said main light chamber.

19. The ceiling fixture, as recited in claim 18, wherein said lower surrounding edge of said light enhancing frame is shaped as a retaining rim substantially biasing against a circumferential edge of said light dispensing housing, wherein said retaining rim of said light enhancing fame is coaxially and inwardly extended between said main
5 light chamber and said light enhancing chamber for controlling said light passing from said main light chamber towards said light enhancing chamber.

20. The ceiling fixture, as recited in claim 19, wherein said ceiling supporting frame comprises a ceiling panel supporting said light source thereunder for securely mounting on said ceiling, and a heat insulating layer provided on said ceiling panel for
10 blocking heat from said light source towards said ceiling, wherein said ceiling panel has a bottom light reflective surface for substantially reflecting said light from said light source towards said light enhancing chamber.